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PALANT, I.B.

Ostracods in the Ufa series and red beds of the Kazan stage in northwestern Bashkiria. Biul. MOIP. Otd. geol. 34 no.5:119-140 S-O '59. (MIRA 14:6)
(Bashkiria--Ostracoda, Fossil)

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TEODOROVICH, G.I.; PALANT, I.B.; SHCHAPOVA, N.P.

Stratigraphy of Upper Tournai and Lower Visean terrigenous sediments in Orenburg Province. Izv. AN SSSR. Ser.geol. 30 no.11:118-120 N '65. (MIR 18.

1. Orenburgskaya kompleksnaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo geologorazvedochnogo neftyanogo instituta, Moskva, i Institut geologii i razrabotki gorvuchikh iskopayemykh, Moskva. Submitted December 31, 1964.

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PALANT, M.

"Lenin and the red army." Reviewed by M.Palant. Voen.znan. 35
no.4:39 Ap '59. (MIRA 12:7)
(Lenin, Vladimir Il'ich, 1870-1924)

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PALANT, M.

"At Pskov and Narva. February 23, 1918" by A.I. Cherepanov. Voen. znan. 34 no.1:39 Ja '58. (MIRA 11:2)
(Russia--European War, 1914-1918) (Cherepanov, A.I.)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALANT, M.

Beloved writer of the young; on the 20th anniversary of N.A. Ostrovskii's death. Voen.znan.32 no.12:29 D '56. (MLRA 10:2)
(Ostrovskii, Nikolai Alekseandrovich, 1904-1936)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALANT, M.

Soldier of the revolution (on the 75th anniversary of G.I. Kotovskii's birth). Voen.znan. 31 no.6:30 Je '56. (MLRA 9:10)

(Kotovskii, Grigorii Ivanovich, 1881-1925)

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137-58-6-11705

Translation from Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 70 (USSR)

AUTHOR: Palant, V.I.

TITLE: Heating of Open-hearth Furnaces by Cold Gas With Elevated Heat Value (Otopleniye martenovskikh pechey kholodnym vysokokaloriynym gazom)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1957, Vol 18, pp 325-330

ABSTRACT: A description is offered of the use of cold natural gas in 50-t furnaces of the "Red October" plant in 1955 and 1956. Heavy oil was used to cause luminescence in the jet of flame. The gas cost was 78% of the heavy-oil cost. There is a brief examination of the operation of Groshev burners, the American type, and the VNIIT model. A description is presented of the functioning of the furnaces when operating on gas with elevated heat value. During the charging period, under a heat input of 10 mill. kcal/hr, 40% of the heat is provided by the heavy oil. During the melt-down period the share of the heavy oil rises to 50-60%, while during boil it drops to 25-35%. Thermal regimes for heats of carbon and alloy steels are presented. I.I.

Card 1/1 1. Open hearth furnaces--Heating 2. Natural gas--Effectiveness 3. Fuel oil--Applications 4. Gas burners--Equipment

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

KOROLEV, A.I.; BLINOV, S.T.; LUBENETS, I.A.; KOBURNEYEV, I.M.; TURUBINER, A.L.; VASIL'YEV, S.V.; CHERNENKO, M.A.; BELOV, I.V.; TELESOV, S.A.; MAZOV, V.F.; MEKUSHEV, V.A.; MAL'KOV, V.G.; BUL'SKIY, M.T.; TRUBETSKOV, K.M.; SHNEYEROV, Ya.A.; SLADKOSHTEYEV, V.T.; PALANT, V.I.; KUROCHKIN, B.N.; ZHDANOV , A.M.; BELIKOV, K.N.; SABIYEV, M.P.; GARBUZ, G.A.; PODGORETSKIY, A.A.; ALFEROV, K.S.; NOVOLODSKIY, P.I.; MOROZOV, A.N.; VASIL'YEV, A.N.; MARAKHOVSKIY, I.S.; MALAKH, A.V.; VERKHOVTSEV, N.V.; AGAPOV, V.F.; VECHER, N.A.; PASTUKHOV, A.I.; BORODULIN, A.I.; VAYNSHTEYN, O.Ya.; ZHIGULIN, V.I.; DIKSHTEYN, Ye.I.; KLIMASENKO, L.S.; KOTIN, A.S.; MOLOTKOV, N.A.; SIVERSKIY, M.V.; ZHIDETSKIY, D.P.; MIKHAYLETS, N.S.; SLEPKANEV, P.N.; ZAVODCHIKOV, N.G.; GUDIMCHUK, V.A.; NAZAROV, P.M.; SAVOS'KIN, M.Ye.; NIKOLAYEV, A.S.

Reports (brief annotations). Biul. TSNIICHM no.18/19:36-39 '57. (MIRA 11:4)

1. Magnitogorskiy metallurgicheskiy kombinat (for Korolev, Belikov, Agapov, Dikshteyn). 2. Kuznetskiy metallurgicheskiy kombinat (for Blinov, Vasil'yev, A.N., Borodulin, Klimasenko). 3. Chelyabinskiy metallurgicheskiy zavod (for Lubenets, Vaynshteyn). 4. Zavod im. Dzherzhinskogo (for Koburneyev). 5. Zavod "Zaporozhstal'" (for Turubiner, Mazov, Podgoretskiy, Marakhovskiy, Savos'kin). 6. Makeyevskiy metallurgicheskiy zavod (for Vasil'yev, S.V., Mal'kov, Zhidetskiy, Al'ferov). 7. Stal'proyekt (for Chernenko, Zhdanov, Zavodchikov). 8. VNIIT (for Belov). 9. Stalinskiy metallurgicheskiy zavod (for Telesov, Malakh).

(Continued on next card)

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KOROLEV, A.I.---(continued) Card 2.

10. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Medvedev, Novolodskiy, Vecher). 11. Zavod "Azovstal'" (for Bul'skiy, Slepkanev). 12. TSentral'nyy nauchno-issledovatel'skiy institit chernoy metallurgii (for Trubetskov). 13. Ukrainskiy institut metallov (for Shneyerov, Sladkoshteyev, Kotin). 14. Zavod "Krasnyy Oktyabr'" (for Palant). 15. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskoy teplotekhniki (for Kurochkin). 16. Zavod im. Voroshilova (for Sabiyev). 17. Chelyabinskiy politekhnicheskiy institut (for Morozov). 18. Giprostal' (for Garbuz). 19. Ural'skiy institut chernykh metallov (for Pastukhov). 20. Zavod im. Petrovskogo (for Zhigulin). 21. Ministerstvo chernoy metallurgii USSR (for Molotkov, Siverskiy). 22. Glavspetsstal' Ministerstva chernoy metallurgii SSSR (for Nikolayev).
(Open-hearth process)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALANT, V. I.

2761. UTILIZATION OF NATURAL GAS IN AN OPEN HEARTH FURNACE. Palant, V.I., and Kurochkin, B.N. (Metallurg (Metallurgist, Moscow), July 1956, 14-17). An account is given of experiments with natural gas in a modified oil burner, in a copy of a U.S. burner, and in one designed by VNIIT (the U.S.S.R. fuel research institute). Dimensioned diagrams of the burners and performance figures are given.

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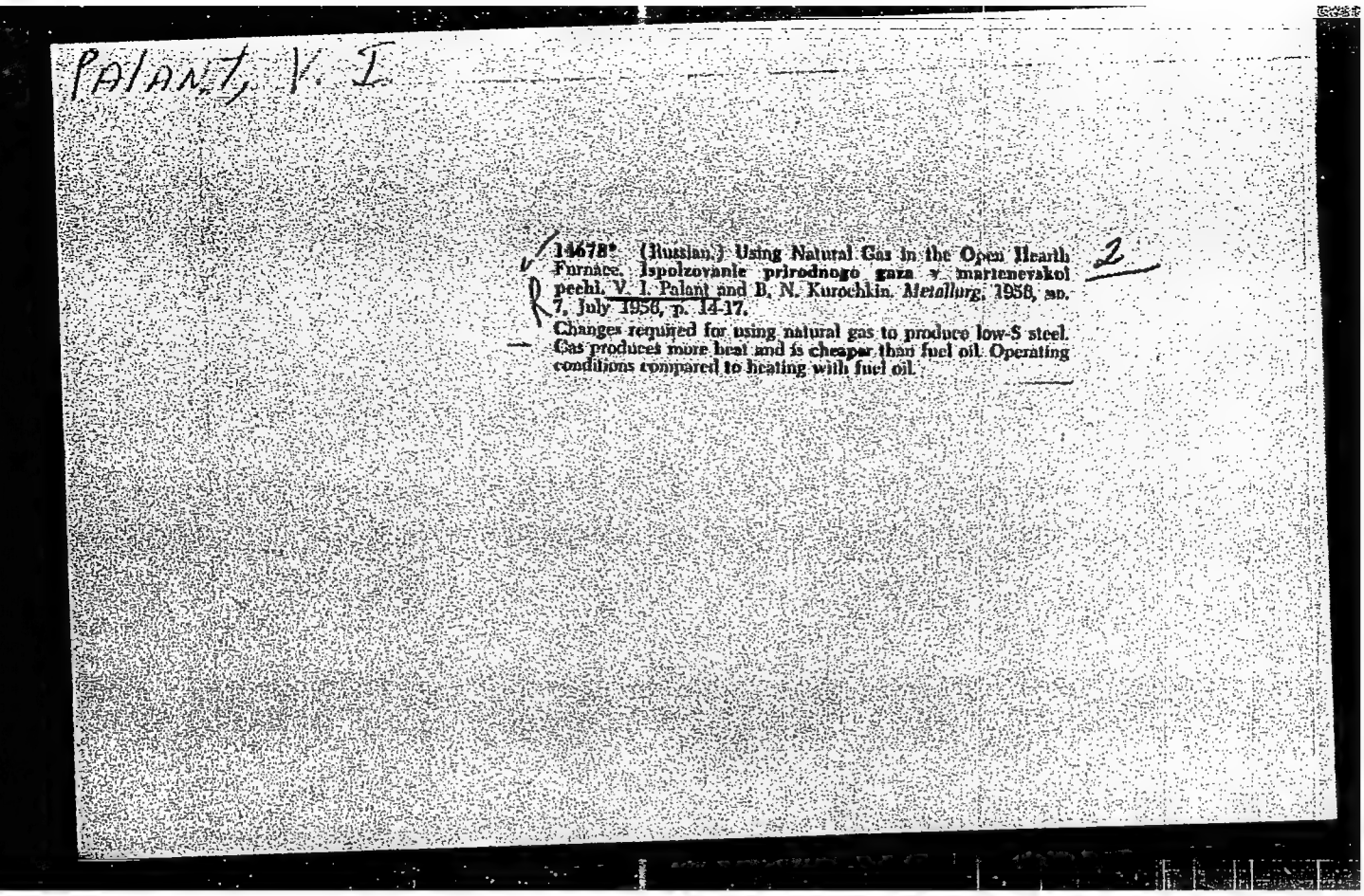

PALANT, V. I.

14678* (Russian.) Using Natural Gas in the Open Hearth Furnace. Ispolzovanie prirodnogo gaza v martenovskoi pechi. V. I. Palant and B. N. Kurochkin. *Metallurg*, 1958, no. 7, July 1958, p. 14-17.

Changes required for using natural gas to produce low-S steel. Gas produces more heat and is cheaper than fuel oil. Operating conditions compared to heating with fuel oil.

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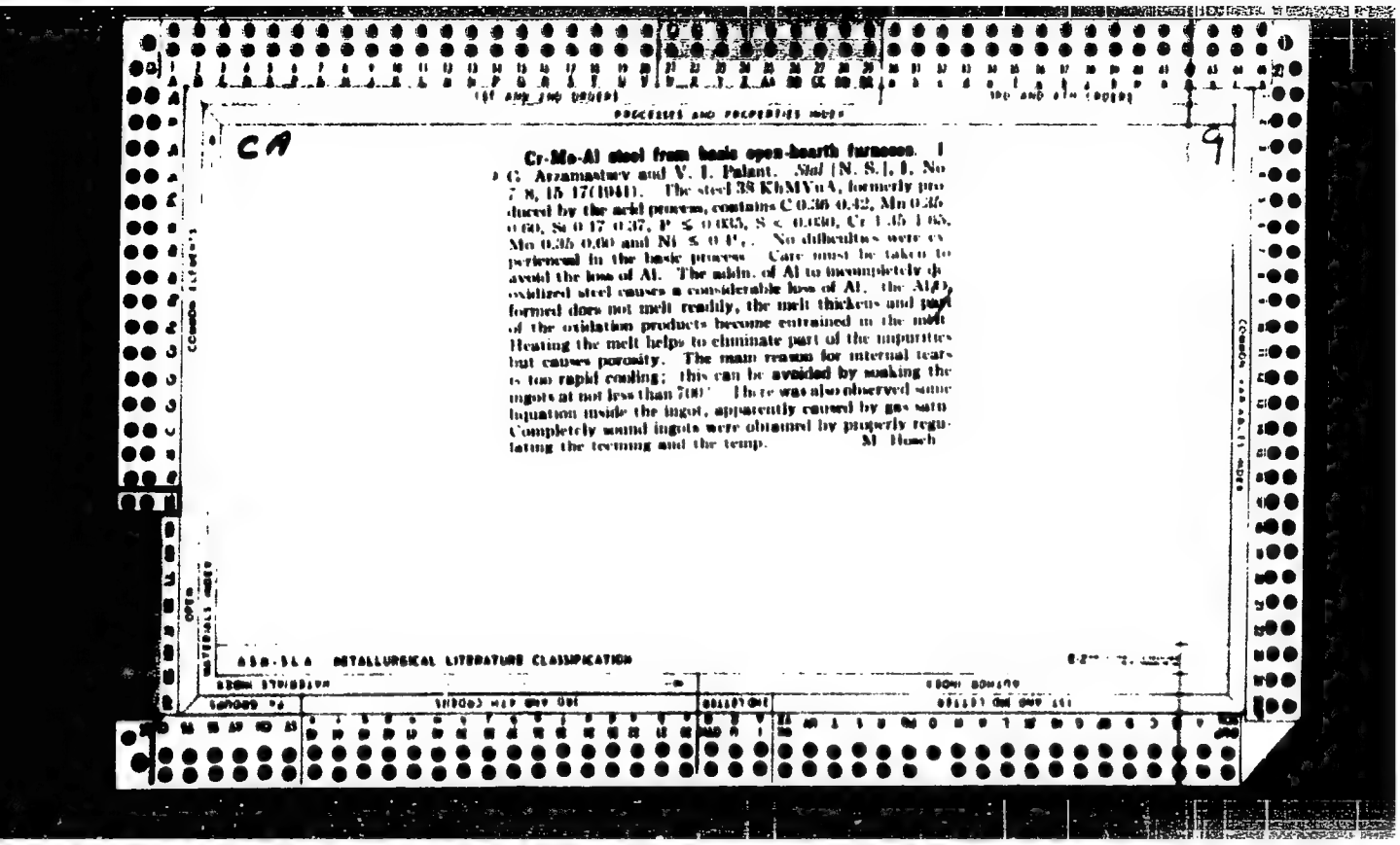

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Cr-Mo-Al steel from basic open-hearth furnaces. I G. Arzamastsev and V. I. Palant. *Stal* [N. S.], 0, No 7-8, 15-17(1941). The steel 38 KhMVuA, formerly produced by the acid process, contains C 0.35-0.42, Mn 0.35-0.60, Si 0.17-0.37, P ≤ 0.035, S ≤ 0.030, Cr 1.35-1.65, Mo 0.35-0.60 and Ni ≤ 0.4%. No difficulties were experienced in the basic process. Care must be taken to avoid the loss of Al. The addn. of Al to incompletely deoxidized steel causes a considerable loss of Al; the Al_2O_3 formed does not melt readily, the melt thickens and part of the oxidation products become entrained in the melt. Heating the melt helps to eliminate part of the impurities but causes porosity. The main reason for internal tears is too rapid cooling; this can be avoided by soaking the ingots at not less than 700°. There was also observed some liquation inside the ingot, apparently caused by gas satn. Completely sound ingots were obtained by properly regulating the teeming and the temp. M. Hoseh

A58-51A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MATSAYEV, V.I.; PALANT, Yu.A.

Powers of a bounded dissipative operator. Ukr. mat. zhur. 14 no.3:329-337 '62. (MIRA 15:9)
(Operators (Mathematics))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALANT, V. I.

"Toxic substances of B. pertussis and means of obtaining effective pertussis."

Report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists. 1959

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

YERSHEVICH, V.V., inzh.; SMOLYANOV, V.S., inzh.; PALANT, V.M., inzh.

Use of voltage regulation under load in 35 and 110 kv. power transformers. Elek. sta. 35 no.2:47-51 F '64. (MIRA 17:c)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALANT, Yu.A.

Test for the completeness of a system of eigenvectors and adjoint vectors of a polynomial bundle of operators. Dokl. AN SSSR 141 no.3:558-560 N '61. (MIRA 14:11)

1. Odesskiy inzhenerno-stroitel'nyy institut. Predstavleno akademikom M.V. Keldyshem.
(Operators (Mathematics)) (Vector analysis)

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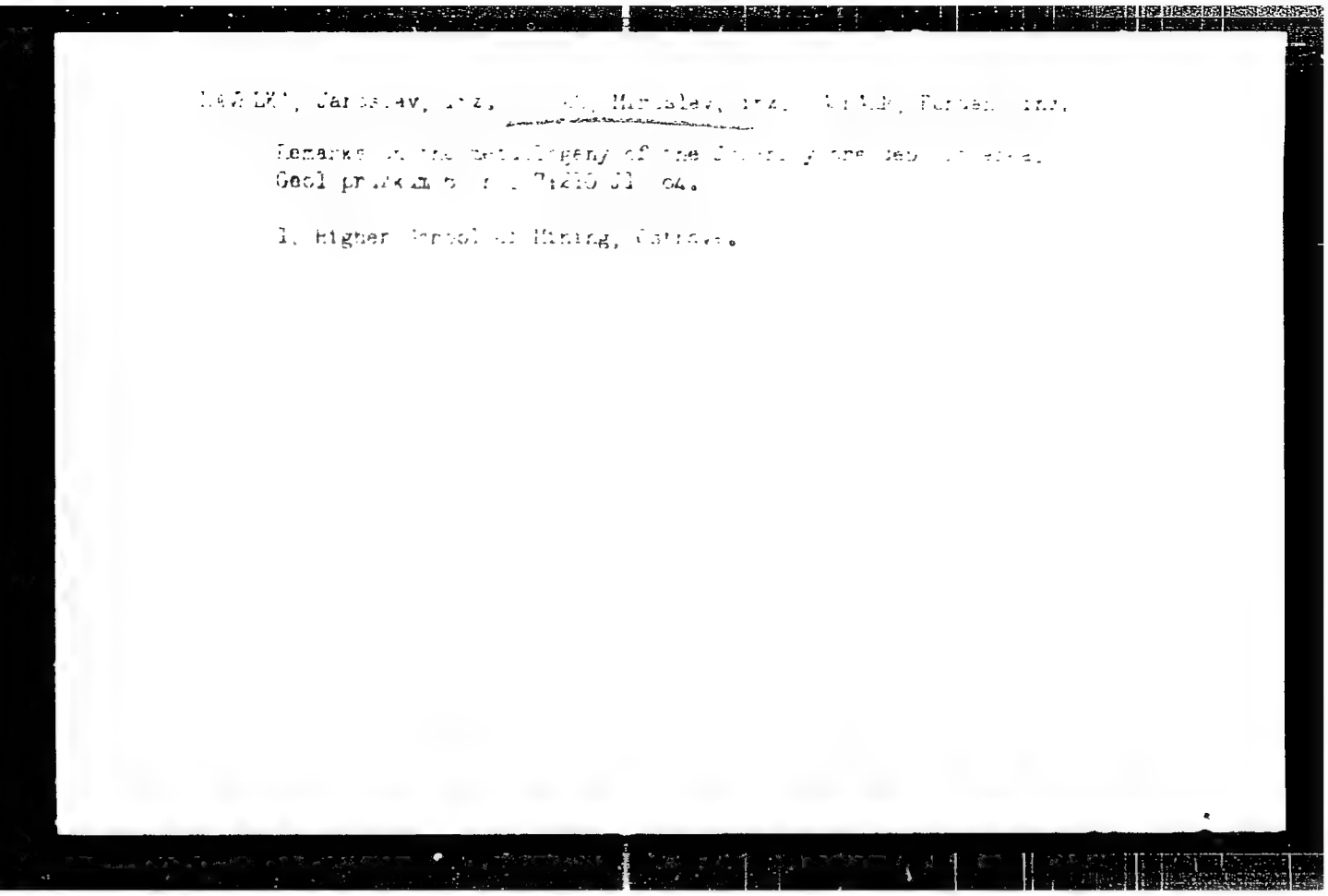

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

HAVELKA, Jaroslav, inz.; PALAS, Miroslav, inz.; SCHARM, Bohdan, inz.

New concept of the metallogeny of nonferrous ores of the Jesenice region and its effect on geologic prospecting. Geol pruzkum 5 no.8:225-227 Ag '63.

1. Vysoka skola banska, Ostrava.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SCHARM, Bohdan, Ing.; BALÁŠ, Miroslav, Ing.; VÝVEKA, Jaroslav, Ing.

Some metallographic [illegible] by Mercalina. Hutn
Vyh 12 no. 1/2:159-165 '64.

1. Submitted December 27, 1963.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

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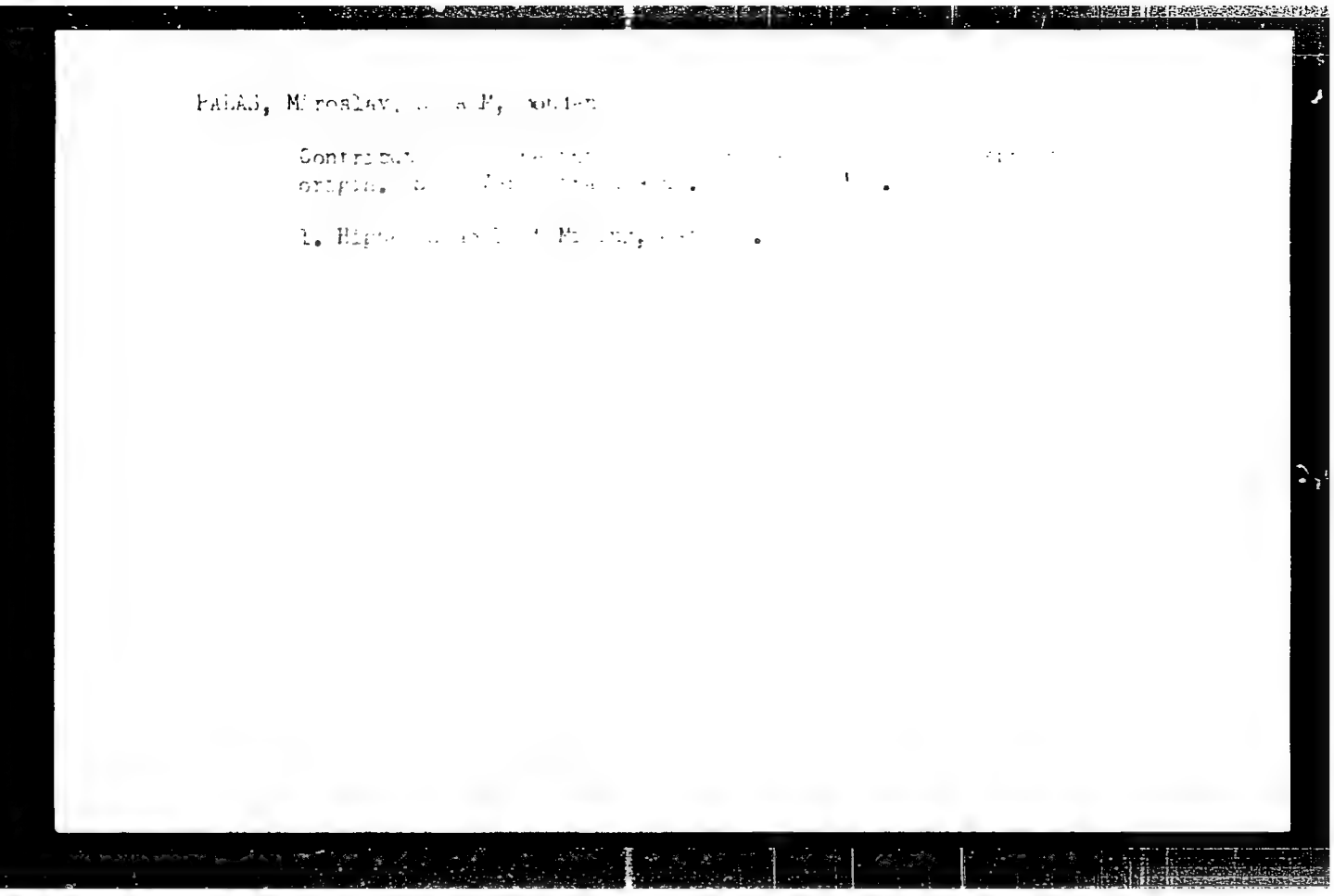

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASH, M.

How to reduce the supply of unnecessary equipment. Fin. SSSR 19 no.5:66-68 My '58. (MIRA 11:6)

1. Upravlyayushchiy Dneprodzerzhinskim otdeleniyem Prombanka. (Dneprodzerzhinsk--Machinery in industry)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 36373-66 EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AR6009964 SOURCE CODE: UR/0137/65/000/012/I013/I013

AUTHORS: Zamora, M. P.; Palash, V. N.

TITLE: Investigation of phase transformation in high-chromium Kh17 steel at 650C temperature of isothermal soaking

SOURCE: Ref. zh. Metallurgiya, Abs. 12I99

REF SOURCE: Vestn. L'vovsk. politekhn. in-ta, no. 4, 1965, 38-43

TOPIC TAGS: austenite, ferrite, carbide, martensite, phase transition, temperature dependence, chromium steel, metal hardening

ABSTRACT: Samples of Kh17 high-chromium steel were held for 5 min at 1100C and quenched then held for 0.5—24 hr at 650C. The electric resistance, coercive force, and hardeness dependence on length of holding were measured. The composition kinetics of austenite during isothermal soaking and the shape of the structural components (ferrite and carbides) were analyzed. Complete austenite decomposition

Card 1/2

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L 36373-66

ACC NR: AR6009964

at 650C lasts for 2 hr, but even 1 hr of soaking results in the absence of martensite formation during subsequent cooling of samples. E.Volin. [Translation of abstract] [NT]

SUB CODE: 11,13

Card 2/2 UDC: 669.15'26.017.3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASHCHENKO, D.

A good start has been made. Prom.koop. 14 no.3:31 '60.
(MIRA 13:7)

1. Predsedatel' pravleniya Primorskogo kraypromsoveta, Vladivostok.
(Maritime Territory--Art industries)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASHCHENKO, D. (Vladivostok)

More high-qyakuty goods. Prom.koop. no.4:4-5 Ap '56. (MLRA 9:8)

1. Predsedatel' pravleniya promsoveta Primorskogo kraya.
(Maritime Province--Cooperative societies)

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PALASHCHENKO I

PALASHCHENKO, I.

Dollar diplomacy, and the International Monetary Fund and International Bank. Fin.SSSR 17 no.8:83-88 Ag '56. (MIRA 10:12)
(International Bank for Reconstruction and Development)
(International Monetary Fund)

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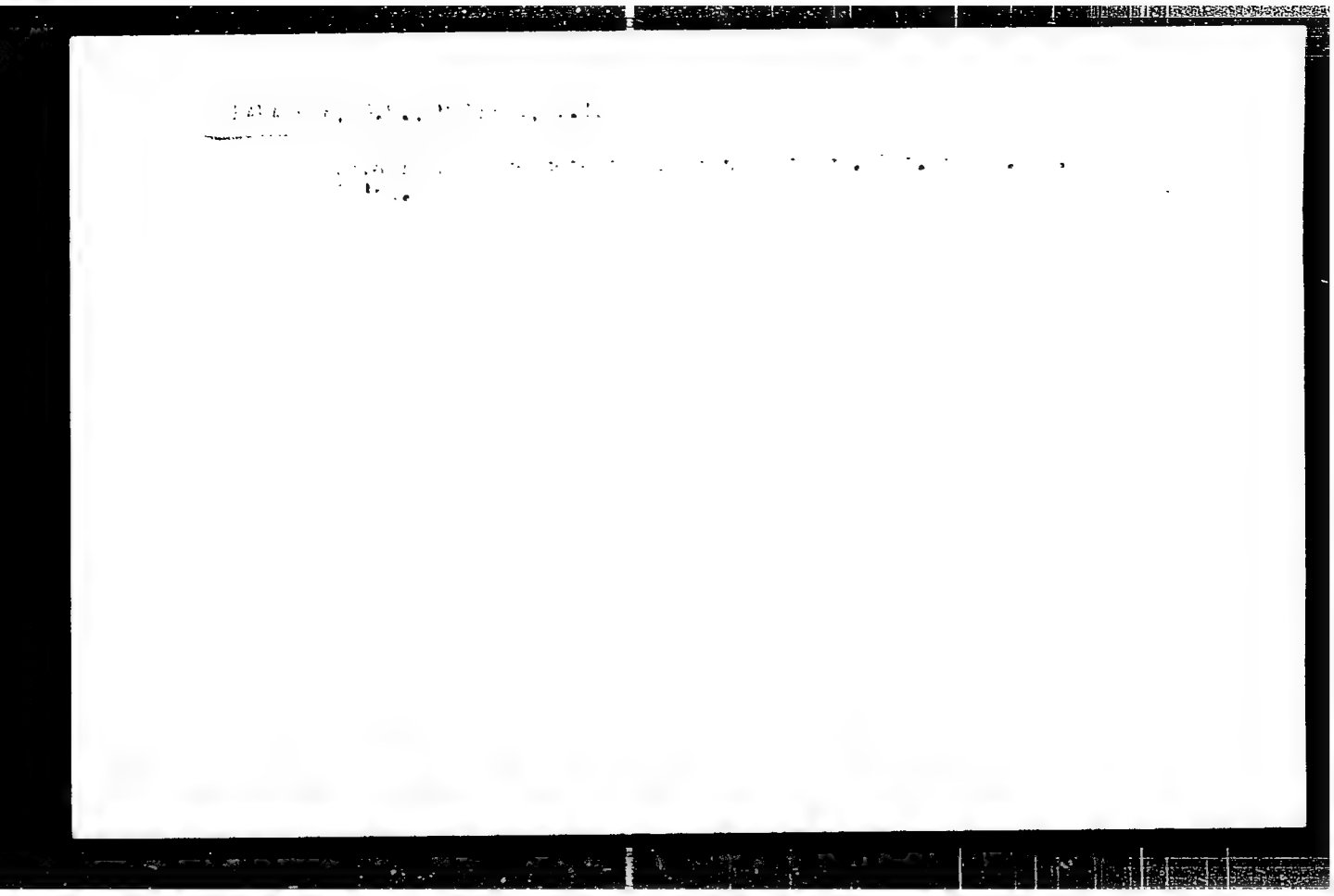

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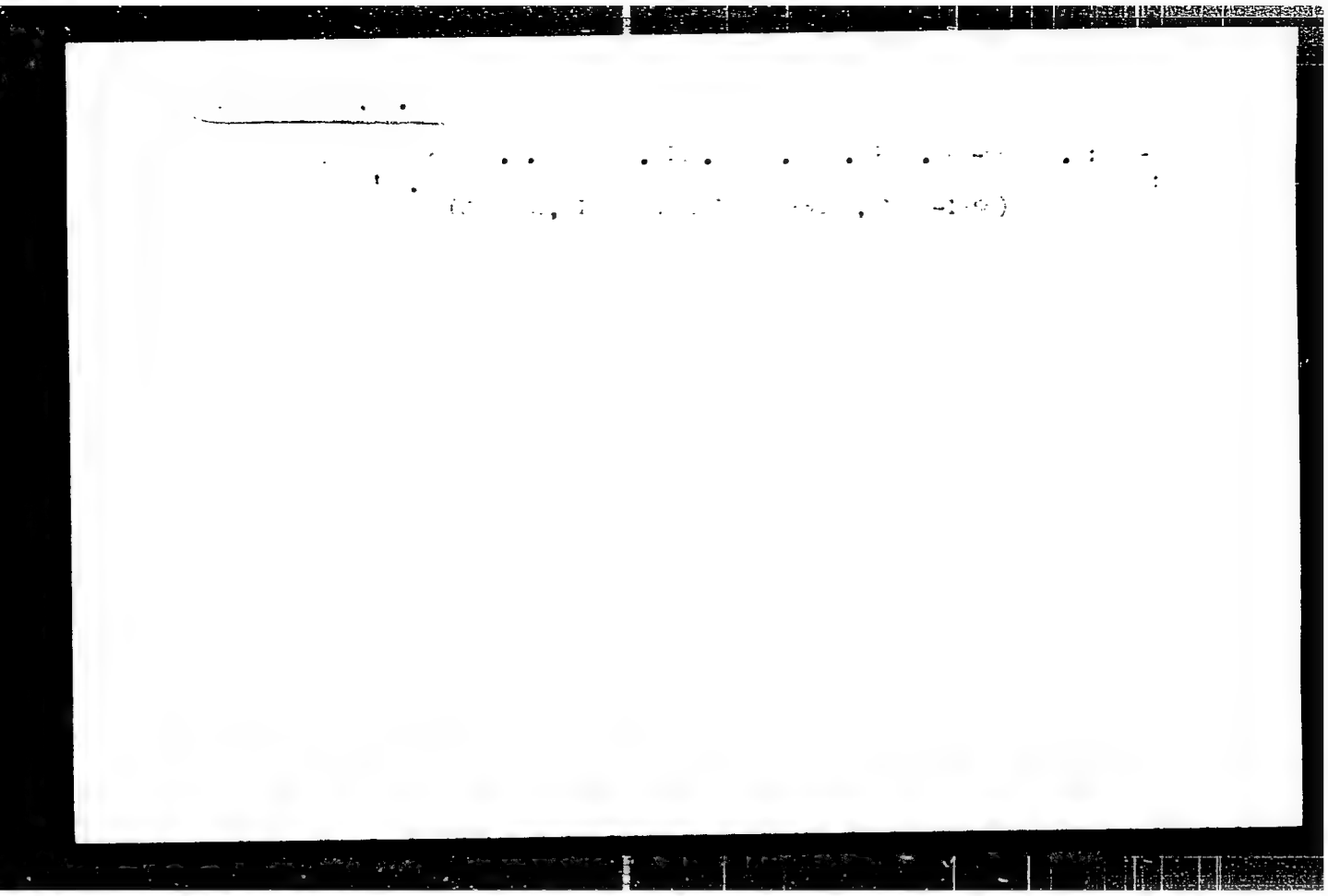

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASHENKOV, A.F.

The Lyapin fortication. Izv. Omsk. otd. Geog. ob-va no.5:153-159 '63.

Siberians participants in the war of 1812. Ibid.:177-182 (MIRA 17:5)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASHENKOV, A.F.; LAPTEV, S.R.

Trips through Omsk Province in 1957-1962. Izv. Omsk. otd. Geog. ob-va no.5:187-199 '63. (MIRA 17:5)

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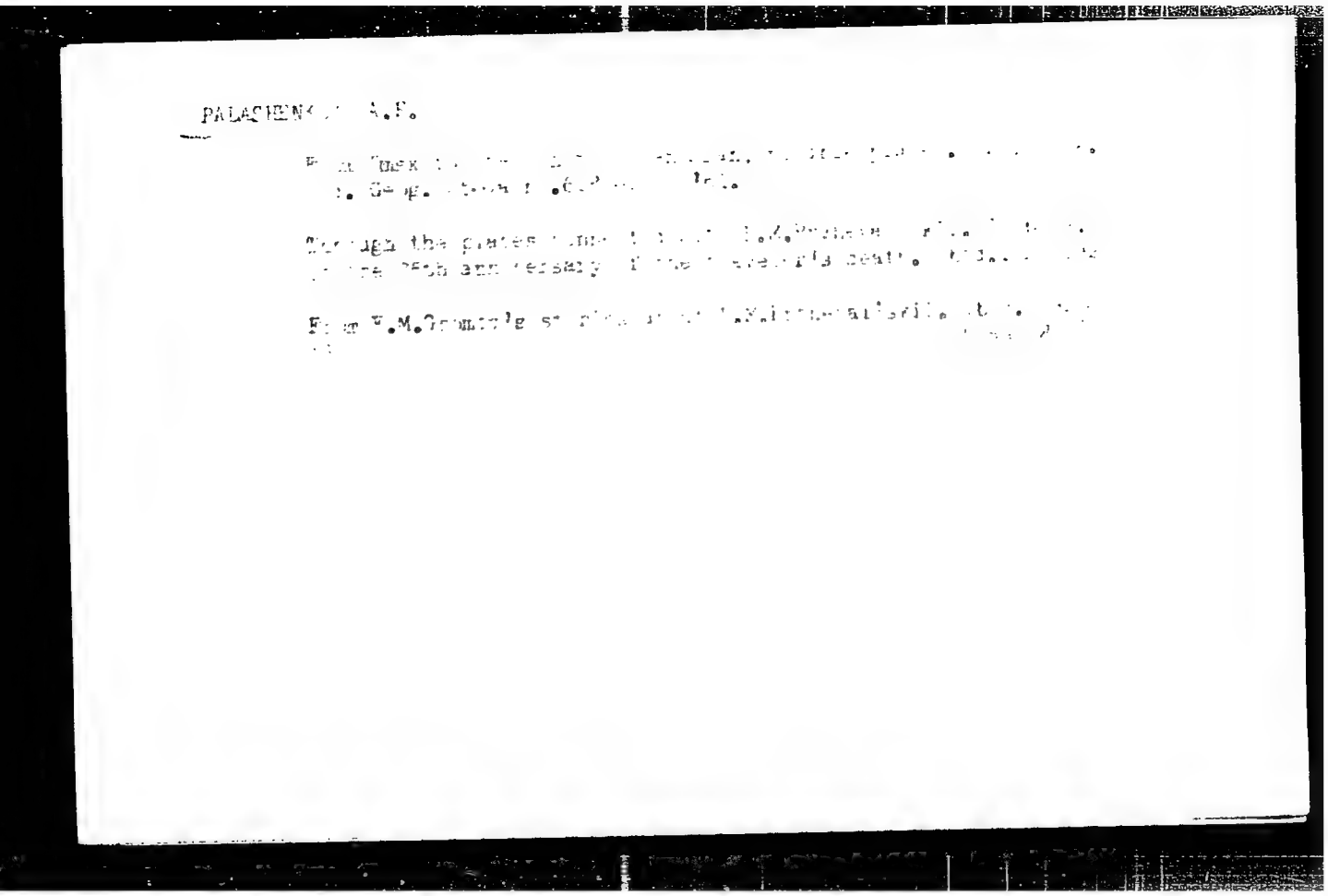

PALACIEN[illegible] A.F.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALAUZHEV, I ; [illegible], D.

Experiment in planting forest shelter belts by the so-called "checkrowed method." p. 23.

Vol. 10, no. 12, Dec. 1955
KOOPERATIVNO ZEMEDELIE
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 4 April 195[illegible]

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASHIV, I.

"Significance of the Side of the Acorn for Planting," p. 424. (GORSKO STOPANST., Vol. ?, no. 9, Nov. 1953. Sofiya, Bulgaria.)

So: Monthly Lists of East European Accessions, LC, Vol. 3, No. 5, May 1954 Unclassified

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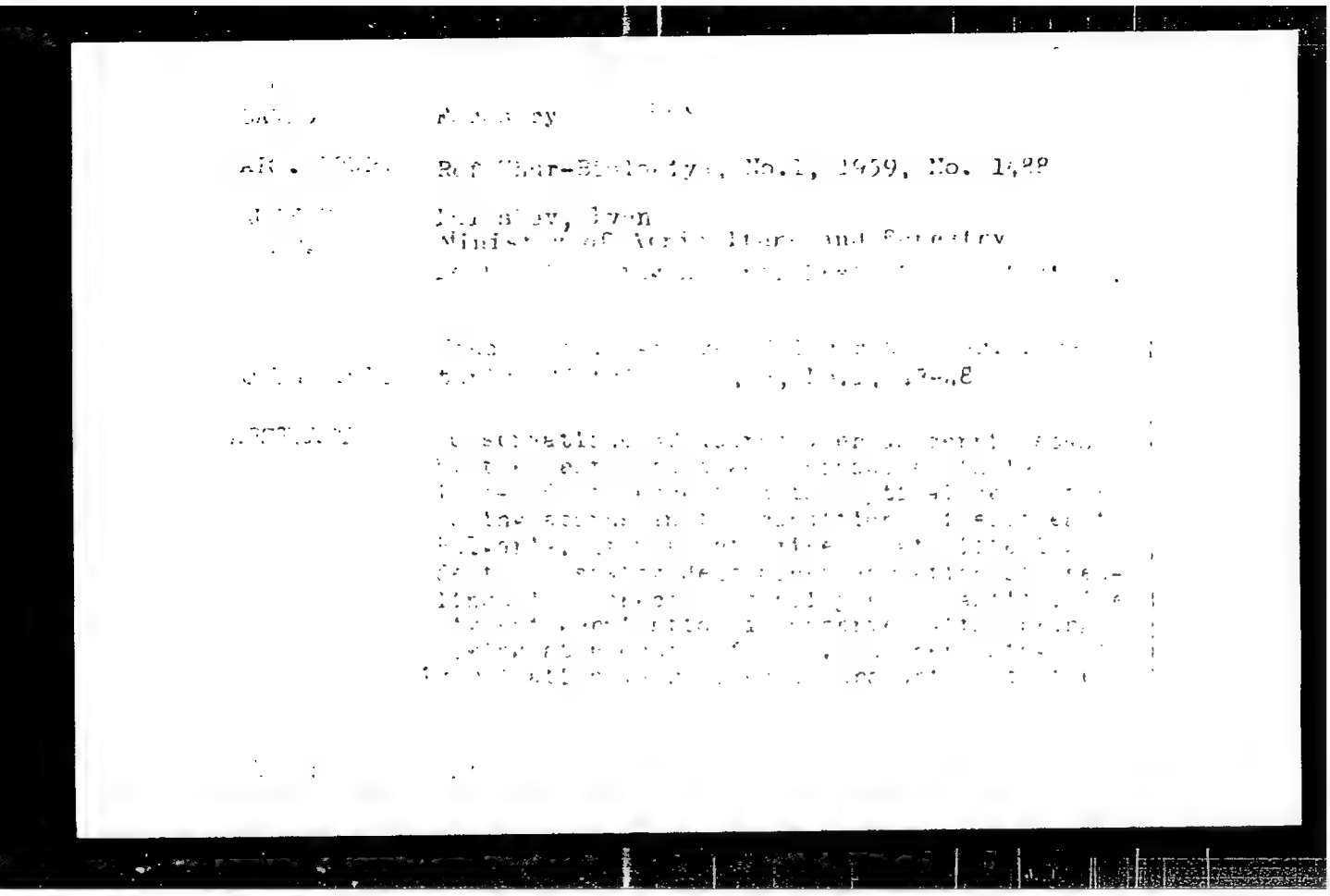

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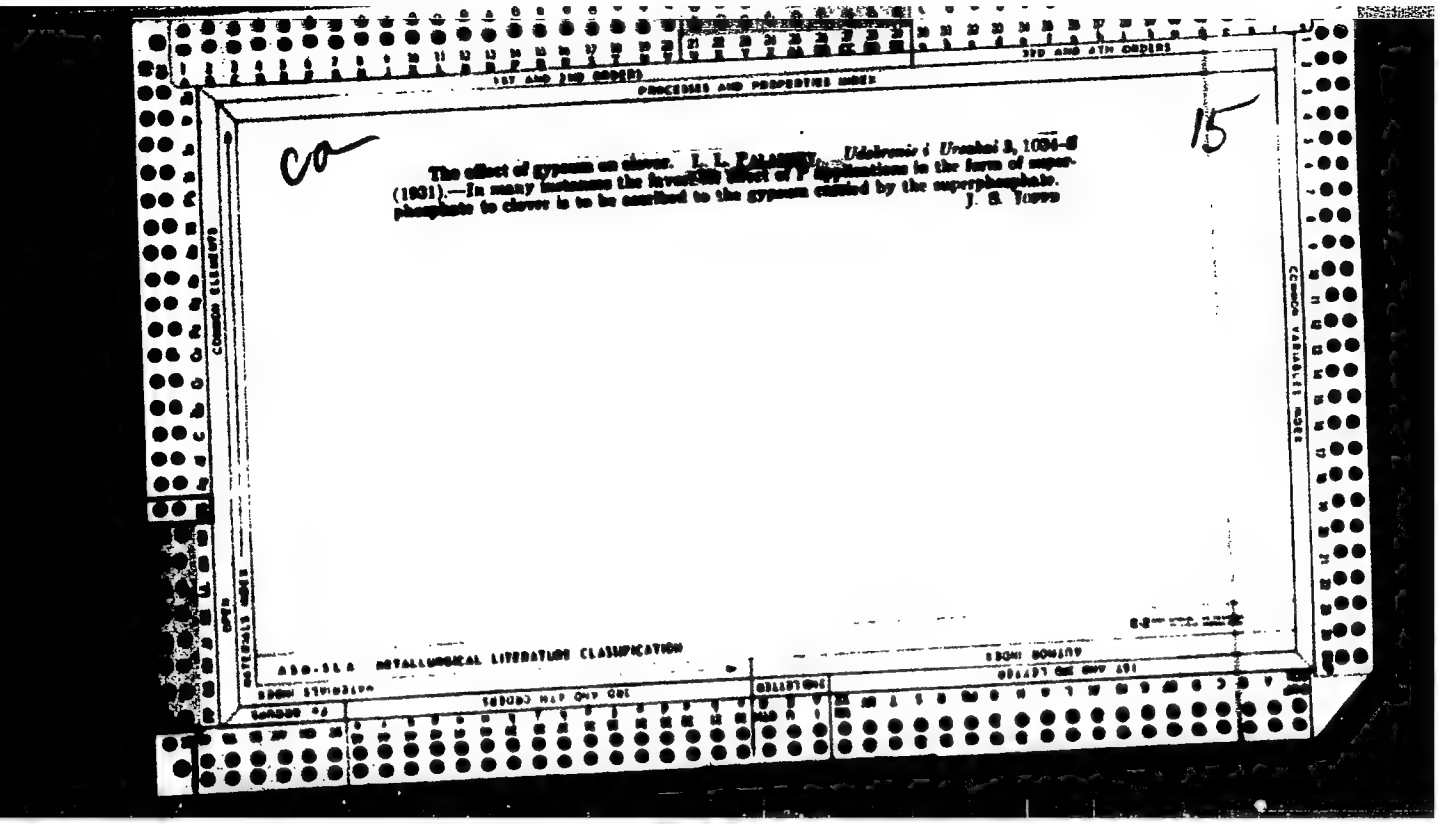

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15

The effect of gypsum on clover. L. L. [redacted] *Udobrenie i Urozhai* 3, 1034-8 (1931).—In many instances the favorable effect of applications in the form of superphosphate to clover is to be ascribed to the gypsum added by the superphosphate. J. S. Joffe

ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASHEVSKIY, A.M.; SYPCHUK, P.P.; GRAFUTKO, L.Ya.

High-speed recording device. Vop. raech. i konstr. elektron. vych. mash. no.1:123-131 '60. (MIRA 14:1)
(Electronic calculating machines--Input-output equipment)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASHEVSKIY, A.M., inzh.

Analysis of the information carriers of calculating machines.
[Trudy] MVTU no.2:121-129 '59. (MIRA 13:5)
(Electronic calculating machines)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASHEUSKIY, A.M.

Moscow. Vychislitel'naya tekhnika (Computer Techniques) Moscow, Nauka, 1959. 153 p. (Series: Moscow. Vychislitel'naya tekhnika i ee primeneniye. Sbornik, No. 2) 2,500 copies printed.

Ed.: B.V. Anisimov, Candidate of Technical Sciences; Tech. Eds.: B.I. Gudel' and A.P. Dmitrova; Managing Ed. for Literature on Machine Building and Instrument Construction: E.V. Pokrovskiy, Engineer.

PURPOSE: This book may be useful to design engineers and other students specializing in computer technology, and also to designers and engineering and technical personnel who make use of electronic computers.

CONTENTS: In honor of the 40th anniversary of the October Revolution. The articles contain the results of theoretical and experimental studies on the performance of various components of electronic computers. Among the topics discussed are program storage, control devices, the connection between the parameters of an algorithm and a machine, etc. The application of these components to the control of technological processes is also discussed. Anisimov, B.V., Cand. Tech. Sci./ and V.N. Golubkin, Candidate of Technical Sciences. Analysis of the Quality of Servo-Systems With Discrete Element 32

Dobrov, Ye.V., Engineer. The Effect of Block Diagram Parameters on the Performance Quality of a Tubeless Direct Current Operational Amplifier 46

Anisimov, B.V., Candidate of Technical Sciences, V.N. Golubkin, Candidate of Technical Sciences, and Yu.M. Dovzhenko, Engineer. Device for Transforming the Form of Recording of a Program 56

Trubnikov, K.V., Candidate of Technical Sciences, and Yu.I. Kolyvlyr, Engineer. Certain Principles of Constructing Local Control by External Memory Devices 21

Vissenko, Yu.I., Candidate of Technical Sciences, G.S. Zhdanov, Professor, A.M. Dmitriyev, Engineer, and I.N. Antonov, Engineer. Method of Forming the Image of Numbers by Means of a Ferrite Matrix 64

Shneyder, Yu.A., Candidate of Physical and Mathematical Sciences. The Connection Between the Parameters of an Algorithm and of a Machine 70

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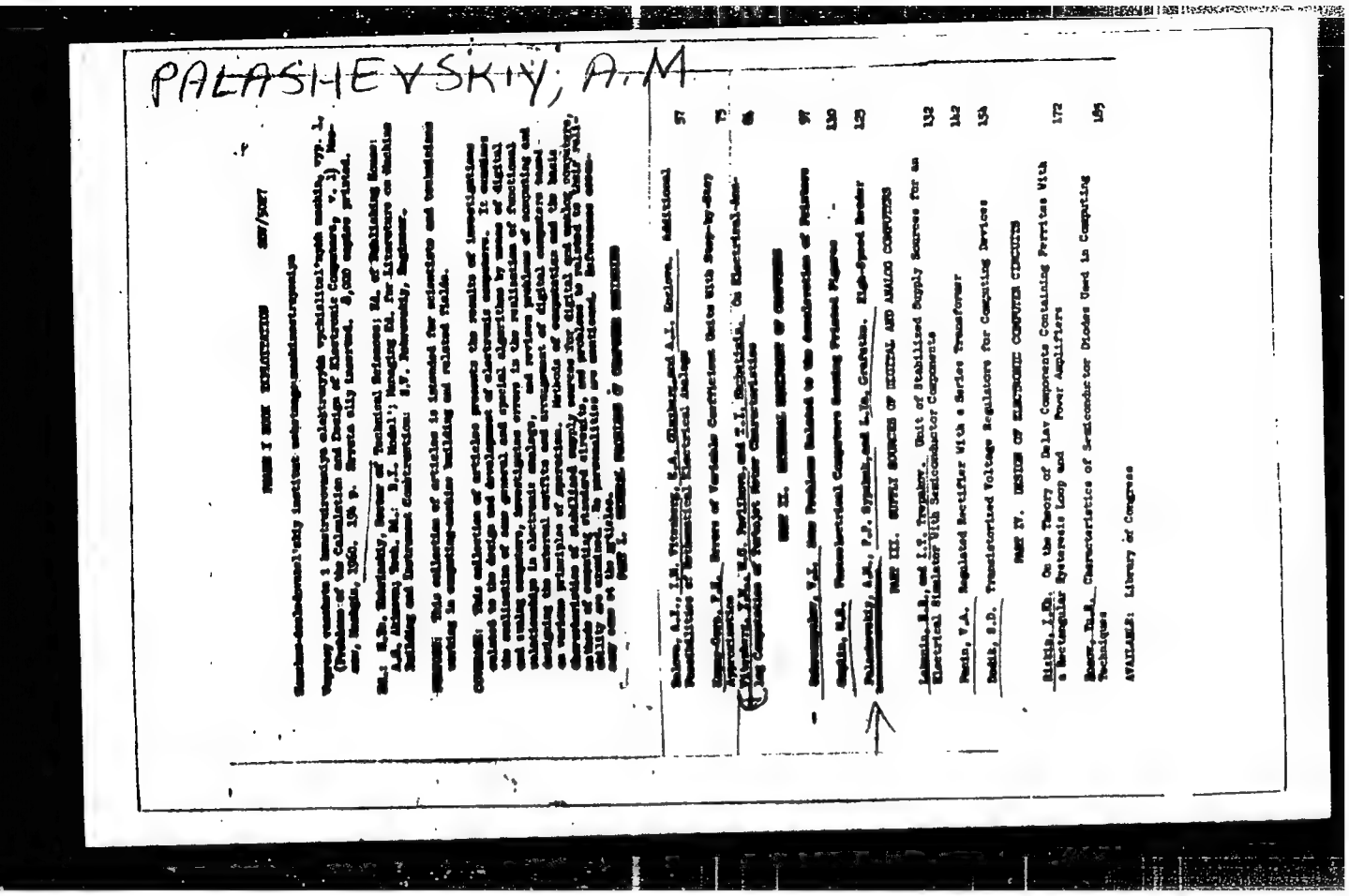
APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238



PALASHEVSKIY, A.M

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AVAILABLE: Library of Congress

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASHEVSKAYA, Aleksandra Semenovna; ANISIMOV, M.G., inzh., retsenzent; SOKOLOV, A.I., inzh., red.; BELEVTSEVA, A.G., red. izd-va; ORESHKINA, V.I., tekhn. red.

[Means for preventing industrial noise] Sredstva zashchity ot proizvodstvennogo shuma. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 77 p. (MIRA 14:9)

(Noise)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASIK, Lucjan, dr inz.

Vessel's stay cycle under repair. Tech gosp morska 14 no. 7: 205-208 Jl '64.

1. Department of Ship Technology, Technical University, Gdansk.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASIK, Lucjan, dr inz.

Studies on mutual dependence of labor force and docking and berthing facilities in ship repair yards. Pt.2. Tech gosp morska 14 no.3:80-84 Mr'64

1. Katedra Technologii Okretow, Politechnika, Gdansk.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASIK, Lucjan, dr inz.

Research on the mutual dependence of the labor force, docking equipment, and berthing facilities in ship repair yards. Pt.1. Tech gosp morska 14 no.2:46-49 F '64.

1. Katedra Technologii Okretow, Politechnika, Gdansk.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASINSKA, A.

"Technique of producing feed flour from slaughterhouse waste", p. 22, (GOSPODARKA MIESNA, Vol. 5, No. 1, January, 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

CATEGORY : Chemical Technology. [illegible] Applications. Carbohydrates and Their Processing

ABS. JOUR. : RZhKhim., No 19, 1959, No. 69446

AUTHOR : Pelrsinski, M.; Samotus, B.

INSTITUTE : [illegible] by the Sedimentation Test, Practical Comments.

ORIG. PUB. : Przem. Spozywczy, 1958, 12, No 10-12, 408-411

ABSTRACT : Described is a simplified method (developed by the authors) of sedimentation analysis for starch suspensions employing common analytical balances. Principles underlying this method are presented together with the description of necessary equipment, ways of preparing sam les out of potatoes for analyses, calibration of the equipment and techniques in conducting the tests. From the results of the tests the size of starch cells may be expressed either as a content of cells having diameter of 35 μ or higher (in %), or as a relati-

Card: 1/3

[illegible] of 8 percent in 13

Card: 2/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R00123

Country :
CATEGORY :

ABS. JOUR. : RZhKhim., No 19, 1959, No. 69446

AUTHOR :

ORIG. PUB. :

ABSTRACT : [illegible] accuracy of the new method (based on [illegible] comprised 3-5 [illegible]

Card: 2/3

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASINSKI, ..M.

Polish Technical Abst.
No. 1 1954
Agriculture, Food Processing
Industry, Forestry, Fisheries

(3)

664.22

2660

Nowotny F., Pojnar E., Palasiński M. **Starch Globules in Relation to the Size of Potato Tubers.**

„Uziarnienie skrobi w ziemniakach w zależności od wielkości ich bulwy". Przemysł Rolny i Spożywczy. No. 3, 1953, pp. 99—101, 2 tab

It has been proved that the proportion of large and small starch globules in potato tubers depends upon the size of the tubers. By selecting the tubers according to 3 sizes, the influence of phosphorus and potassium, chosen from among various fertilizers, was found distinctly positive. Large tubers contain a higher percentage of large starch globules exceeding 35 microns. When selecting potatoes for the starch industry, the size of tubers, as well as the starch content should be taken into consideration.

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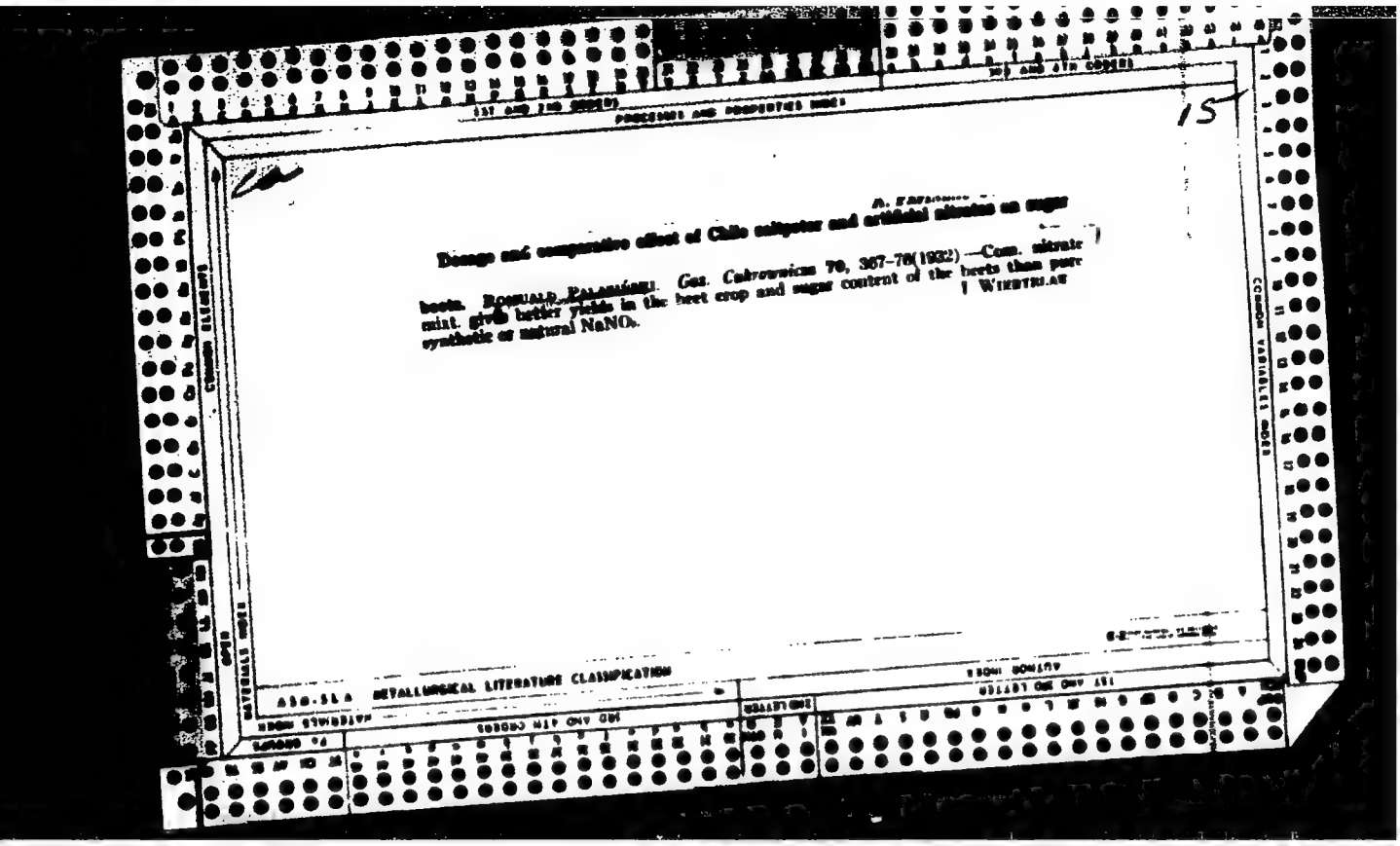

Dosage and comparative effect of Chile saltpeter and artificial nitrates on sugar beets. Romualdo Palamidessi. *Gaz. Cabronnica* 70, 367–70(1932).—Com. nitrate mint. gives better yields in the beet crop and sugar content of the beets than pure synthetic or natural $NaNO_3$.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASKAS, D. N.

Effectiveness of 30% and 60% concentrates of mercaptophos.
Zashch. rast. ot vred. i bol. 5 no.6:31 Je '60.
(MIRA 16:1)

1. Zaveduyushchiy Kokandskim nablyudatel'nym punktom, UzSSR.

(Uzbekistan—Red spider—Extermination)
(Uzbekistan—Cotton—Diseases and pests)
(Mercaptophos)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

VOYEVODIN, A.V., kand. sel'skokhoz. nauk; KUDEL', K.Ye., nauchnyy sotrudnik; MURAROVA, O.I.; NIBYT, V.A.; TARASENKO, I.M., kand. biolog. nauk; SMELYANETS, V.P.; PALASKAS, D.N.; KOROBATOV, V.A., starshiy nauchnyy sotrudnik, BORDUKOVA, M.; KACHAYEVA, V., semenovod; GLINKA, Ye., agronom; SHEVCHENKO, A.B., aspirant; BOCHAROV, K., GLEBOV, M.A., kand. ekonom. nauk

Results of herbicide testing. Zashch. rast. ot vred. i bol. 9 no.7:23-26 '64. (MIRA 18:2)

1. Vsesoyuznyy institut zashchity rasteniy (for Voyevodin). 2. Ukrainskiy nauchno-issledovatel'skiy institut zashchity rasteniy (for Kudel', Smelyanets). 3. Nachal'nik Kiyevskoy oblastnoy stantsii zashchity rasteniy (for Murarova). 4. Zaveduyushchiy Mironovskim punktom signalizatsii (for Nibyt). 5. Nizhnedneprovskaya stantsiya obleseniya peskov i vinogradarstva na peskakh, TSuryupinsk, Khersonskoy oblasti (for Tarasenko). 6. Zaveduyushchiy Kokandskim nablyudatel'nym punktom, Ferganskoy oblasti (for Palaskas). 7. Azerbaydzhanskiy nauchno-issledovatel'skiy institut khlopkovodstva, Kirovabad (for Korobatov). 8. Zaveduyushchiy Moskovskoy kartofel'noy toksikologicheskoy laboratoriyey (for Bordukova). 9. Sovkhoz "Voskresenskiy", Moskovskoy oblasti (for Kachayeva). 10. Moskovskaya kartofel'naya toksikologicheskaya laboratoriya (for Glinka). 11. Ukrainskiy institut rasteniyevodstva, selektsii i genetiki imeni V.Ya. Yur'yeva (for Shevchenko). 12. Nachal'nik Kurskoy stantsii zashchity rasteniy (for Bocharov).

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CZECHOSLOVAKIA / General Division, Congresses, Conventions, Conferences A-4

Abs Jour: Ref Zhur-Biologiia, No 5, 1958, 18890

Author : Palasthy Eugen

Inst :

Title : The Scientific Conferences and Discussions of the Agricultural Section of the Slovakian Academy of Sciences in the Period 1953-1955

Orig Pub: Pol'nohospodarstvo, 1956, 3, No 3, 420-428

Abstract: During the indicated period, the Section of Agricultural Science of the Slovakian Academy of Sciences, with the goal of a manifold discussion of actual worked out problems, convened a series of conferences, devoted to: 1) the artificial insemination of agricultural animals; 2) the seed growing of separate species of agricultural plants (hemp, flax, sugar-beets, peppers,

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PALASTHY, G.

Review of dysfibrinogenemias, respective fibrinopathies with reference to a case of congenital afibrinogenemia. Orv. hetil. 94 no.7:169-176 15 Feb 1953. (CLML 24:3)

1. Doctor. 2. Children's Clinic (Director — Prof. Dr. Laszlo Kulin), Debrecen Medical University.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTHY, Geza, dr.

Data on the clinical picture of chorea electrica (Henoch-Bergeron). Gyermekgyogyaszat 11 no.5:148-152 My '60.

1. A keszthelyi Jarasi, Korhaz (Igazgato: Szutrely, Anatal, dr.) Gyermekosztalyanak (Foorvos: Palasthy, Geza, dr.) kozlemenye.
(CHOREA case reports)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTHY, Geza, dr.; KRUTSAY, Miklos, dr.

Primary carcinoma of the liver with lymphatic reaction in a 5-month-old boy. Orv. hetil 103 no.2:78-80 Ja '62.

1. Keszthelyi Jarasi Korhaz, Gyermekosztaly es Prosectura.

(LIVER NEOPLASMS in inf. & child.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTHY, Geza, Dr.

Data on the simultaneous occurrence of acute infectious lymphocytosis and nervous system diseases. Orv. hetil. 99 no.13:430-432 30 Mar 58.

1. A Debreceni Orvostudomanyi Egyetem Gyermekklinikajanak (igazgato: Kulin Laszlo dr. egyet. tanar) es a Keszthelyi Jarasi Korhaz (igazgato: Szutrely Antal dr.) Gyermekosztalyanak (foorvos: Palasthy Geza dr.) kozlemenye.

(LYMPHOCYTOSIS, in inf. & child
acute infect., with CNS dis. (Hun))
(CENTRAL NERVOUS SYSTEM, dis.
in acute infect. lymphocytosis (Hun))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTHY, GEZA. dr.

PALASTHY, Geza, dr.; HOLCZINGER, Laszlo, dr.

Hemorrhagic pseudocyst and rupture of the spleen in newborn infant.
Orv. hetil. 95 no.44:1216-1219 31 Oct 54.

1. A Debreceni Orvostudomanyi Egyetem Gyermekklinikajanak (igazgato: Kulin Laszlo dr. egyet. tanar) es Korbonctani Intezetenek (igazgato: Kellner Bela dr. egyet. tanar) kozlemenye

(SPLEEN, cyst
pseudocyst, hemorrhagic in newborn)
(CYSTS
hemorrhagic pseudocyst of spleen in newborn)
(INFANT NEWBORN, dis.
hemorrhagic pseudocyst of spleen)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTHY, Geza, dr.

On the clinical picture of purpura necrotica. Gyermekgyogyaszat 14 no.9:278-281 S '63.

1. Keszthelyi Jarasi Korhaz (igazgato: Szutrely Antal dr.) Gyermekosztalyanak (foorvos: Palasthy Geza dr.) kozlemenye.
(PURPURA) (DIAGNOSIS, DIFFERENTIAL)
(NECROSIS) (STEROIDS) (VITAMINS)
(ANTIBIOTICS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTHY, Geza, dr.

Syntropy of cytomegaly and interstitial plasma cell pneumonia in premature infants. Gyermekgyogyaszat 14 no.10:315-317 O '63.

1. Kepzthelyi Jarasi Korhaz (igazgato: Szutrely Antal dr.) Gyermekosztalyanak (foorvos: Palasthy Geza dr.) kozlemenye.
(INFANT, PREMATURE, DISEASES)
(PNEUMONIA, INTERSTITIAL PLASMA CELL)
(CYTOMEGALIC INCLUSION DISEASE)
(PREGNANCY COMPL., INFECTIOUS)
(PATHOLOGY)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTHY, Gesa, dr.

Observations on duodenal ulcer with massive hemorrhage in children.
Orv.hetil. 101 no.43:1543-1545 23 O '60.

1. Kesthelyi Jarasi Korhaz, Gyermekosztaly.
(PEPTIC ULCER HEMORRHAGE in inf & child)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTHY, Geza, dr.; TOTH, Jozsef, dr.

Primary heart tumor simulating congenital heart defect in a newborn infant. (Fibroma pseudomyxomatosum cordis).

1. Kisvardai Jarasi Korhaz, Gyermekosztaly es Nyiregyhazi Megyei Korhaz, Korbonctani Intezet.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

CZECHOSLOVAKIA

PALASTHY, Jozef and [illegible], Prirodovedny muzeum of the Republic of Slovakia (Muzeum Slovenskej republiky ziv.) and Teachers' College (Pedagogicky institut), Presov.

"Bionomy of Bats in Abandoned Quarries and Limekilns on the Sarnik (Biserice of Presov.)"

Bratislava, Biologia, Vol [illegible], [illegible] pp [illegible].

Abstract [German abstract illegible] In order [illegible], author spent 6 days in [illegible] chosen [illegible] was the [illegible] of eight species. Nearly 70% of [illegible] therefore the large [illegible] Eastern Slovakia. [illegible] tables, 6 photographs; 11 Czech, 2 Soviet, 1 Polish and 1 Hungarian, and 4 Western references.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTHY, Jozef, pro. biol.

Skandinavian bat (Eptesicus Nilssoni Keyserling et Blasius 1893) in Slovakia. Biologia 16 no.8:606-608 '61.

1. Krajske muzeum, Presov.

(BATS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

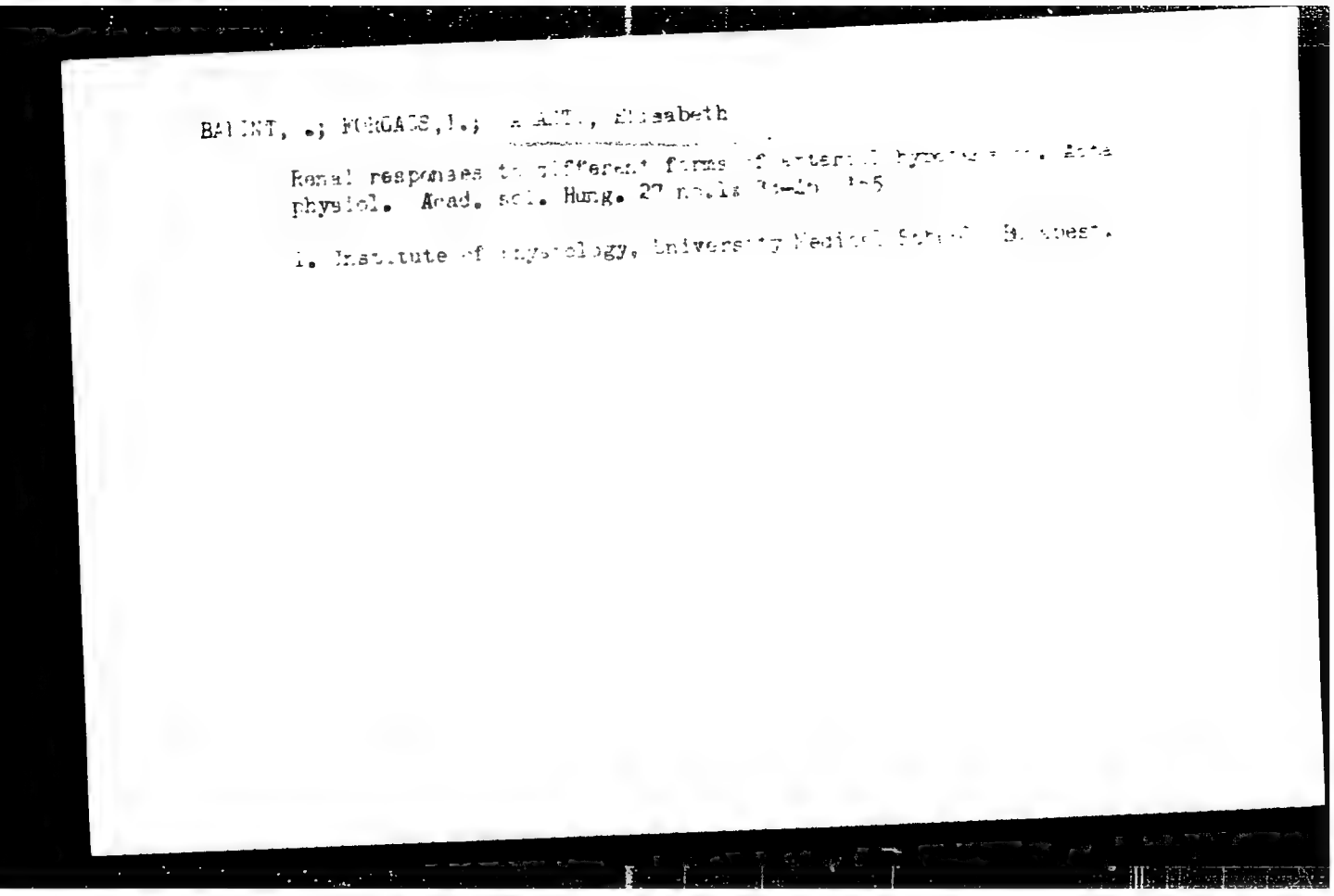
PALASTI, Albert

Guiding principles for the establishment and design of new canning factories. Konzerv paprika no.2:37-42 Mr-Ap '63.

1. Elelmezesipari Tervezointezet.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238



BALINT, A.; HORVATH, I.; [illegible], Elizabeth

Renal responses to different forms of arterial hypertension. Acta physiol. Acad. sci. Hung. 27 suppl. 1:1-5

1. Institute of Physiology, University Medical School, Pecs.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

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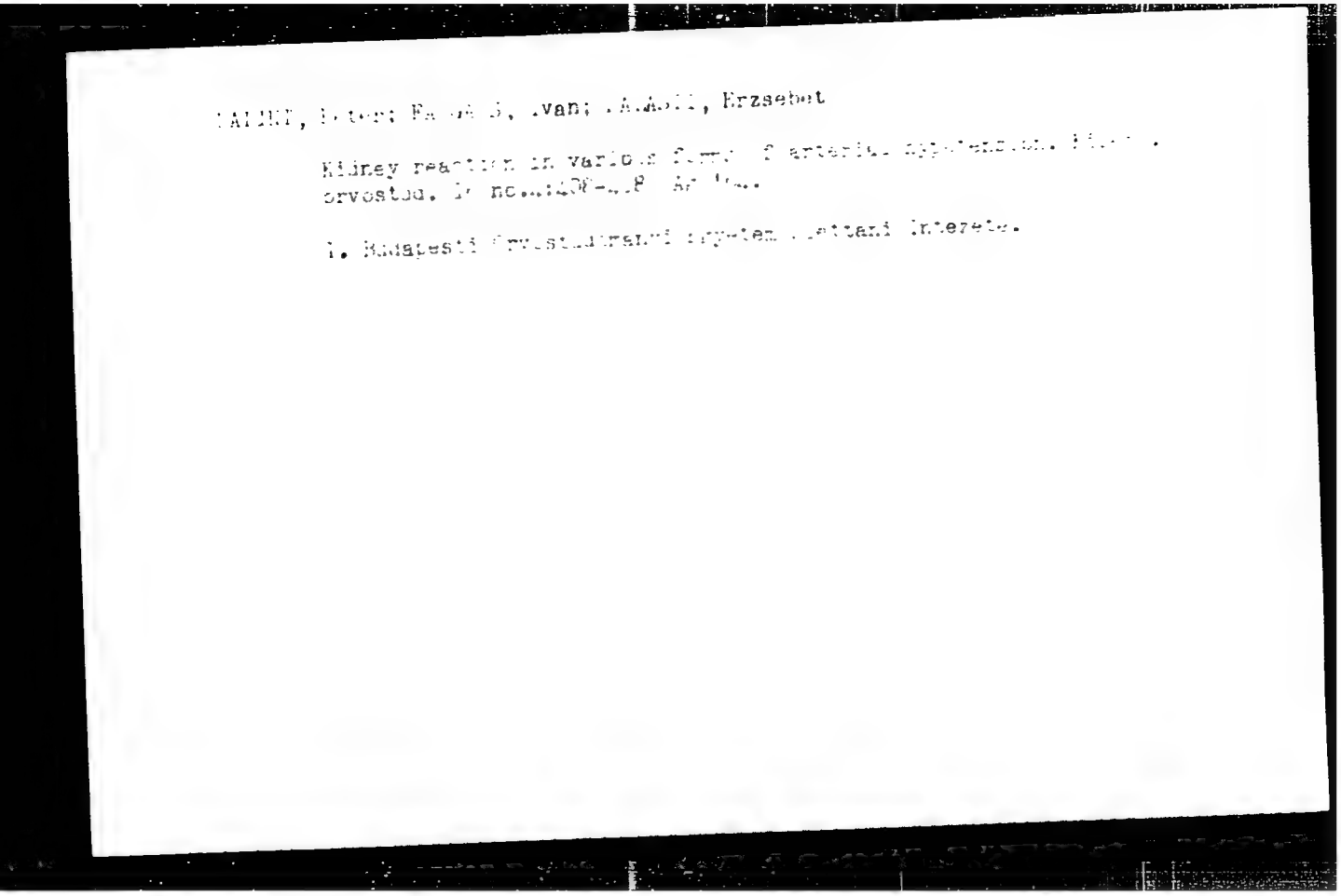

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MARKEL, Eva; PALASTI, Erzsebet

The role of higher nervous activity in sodium excretion. Kiserl. orvostud. 14 no.2:137-141 Ap '62.

1. Budapesti Orvostudomanyi Egyetem Elettani Intezete.

(SODIUM urine) (REFLEX CONDITIONED)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTI, I.: TAKACS, L.

Theoretical and practical calculation used for establishing the schedule of electric-power distribution. In German. p.273.

ACTA TECHNICA. Budapest, Hungary. Vol. 24, no. 3/4, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTI, Ilona

On the connectedness of bichromatic random graphs. Mat kut kozl MTA 8 series A no. 3:431-441 '63('64).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTI, Ilona

Threshold functions for subgraphs of given type of the bichromatic random graph. Mat kut kozl MTA 7 Ser.A no.1/2: 215-221 '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTI, Ilona

The Monte Carlo method: an interesting mathematical process. Term tud kozl 5 no.8:355-358 Ag '61.

1. Tudomanyos munkatars, Budapest.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

44822

S/044/63/000/001/035/053
A060/A000

16,5500

AUTHOR: Palásti, Ilona

TITLE: On the distribution of the number of trees which are isolated subgraphs of a chromatic random graph

PERIODICAL: Referativnyy zhurnal, Matematika, no. 1, 1963, 14, abstract 1V45 (Magyar tud. akad. Mat. kutató int. közl., 1961, v. 6, no. 3, 405 - 409; English; summary in Russian)

TEXT: The theorem demonstrated in the paper of Erdösz and Renier (RZhMat. 1961, 11V2) on the Poisson distribution of the number of isolated trees in a random graph is generalized to the case of chromatic graphs. In a chromatic random graph $\Gamma_{m, nN}(m, n)$ let there be m vertices of one color and n vertices of another, and let varicolored vertices be randomly connected (with probability $1/C^N_{mn}$) by N (n, m) branches. The connected graph is called a (k, l)-tree, if it has k vertices of one and l vertices of the other color, and there are $(k + l - 1)$ branches connecting vertices of the same color. Theorem 1. If $n = m^{1+\delta_m}$, where $\lim_{m \to +\infty} \delta_m = 0$,

Card 1/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L3339

S/044/62/000/011/060/064
A060/A000

AUTHORS: Palásti, Ilona, Rényi, Alfréd

TITLE: Monte-Carlo methods as minimax strategies

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1962, 61, abstract 11V316 (Magyar tud. akad. Mat. kutató int. közl., 1956 (1957), v. 1, no. 4, 529 - 545; Hungarian; summaries in Russian, English)

TEXT: Monte-Carlo methods are considered from the viewpoint of the theory of games. As an example the authors consider the numerical approximation of the interval $I = \int_0^1 f(x)\,dx$ of a continuous function f (x) by the sum $S = n^{-1} \sum_{k=1}^{n} f(x_k)$. The pure strategy of player B consists in the choice of a function f (x). It is assumed that the set Φ of admissible functions f (x) consists of all continuous functions satisfying the condition

$$\int_0^1 \left[f(x) - \int_0^1 f(t)\,dt\right]^2 dx = s^2 ;$$

Card 1/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

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A060/A000

Monte-Carlo methods as minimax strategies

where $s>0$ is a specified constant. The pure strategy of the player A consists in the selection of a system of points $(x_1, x_2, \ldots, x_n)$ of the interval $(0, 1)$. A's loss is defined by the quantity $\Delta = (S - I)^2$. It is demonstrated that one of the minimax strategies for player A is the mixed strategy defined by usual Lebesgue measure specified on measurable subsets of an n-dimensional cube K_n. The same holds true also in the case of an r-dimensional integral ($r = 2, 3, \ldots$). The mean error is equal to $s/\sqrt{n}$, independent of r. The authors investigate the analogous problem of estimating the sum $Y = \sum_{k=1}^{N} y_k$ by the quantity $\eta = Nn^{-1} \sum_{j=1}^{n} y_{k_j}$, where $k = (k_1, \ldots, k_n)$ is some subset of the set $(1, 2, \ldots, N)$. It is emphasized that, if the set of admissible functions or sums changes, the minimax strategy also changes. A number of experiments carried out by the Monte-Carlo method is described.

From the Authors' summary

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTI, Ilona

On the distribution of the number of trees which are isolated subgraphs of a chromatic random graph. Mat kut kozl MTA 6 no.3: 405-409 '61.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTI, Ilona

On some random space filling problems. In English. Mat kut kozl MTA 5 no.3:353-360 '60. (KRAI 10:8)
(Differential equations) (Probabilities)
(Spaces, Generalized)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTI, Karoly

Transistor mixing stage for short and medium waves. Radiotechnika 12 no.8:264-265 '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTI, P.

PALASTI, P. - Production of an isolated crystal of Seignette's salts which is clear like glass. p. 137.
Vol. 2, no. 5, Oct. 1956.
KEP ES HANGTECHNIKA. Budapest, Hungary

SOURCE: East European Accessions List (EEAI) Vol. 6, No. 4--April 1957

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ACC NR: AP6031522 SOURCE CODE: UR/0292/66/000/009/0021/0023

AUTHOR: Meyerovich, Ye. A. (Engineer); Palastin, L. M. (Candidate of technical sciences); Platonov, A. M. (Candidate of technical sciences); Popov, K. K. (Engineer); Serebryanik, L. B. (Engineer); Sobolev, I. S. (Engineer); Syzrantsev, V. I. (Engineer)

ORG: none

TITLE: Disk-type brushless synchronous generator

SOURCE: Elektrotekhnika, no. 9, 1966, 21-23

TOPIC TAGS: synchronous generator, electric machine, brushless generator, electric generator, magnetic circuit

ABSTRACT: A general description of a new design (Author's Certificate 169656, Bull. izobr., 1965, no. 7) of disk-type synchronous generator (see figure) is presented; the generator was developed at VNIIEM. This design is an improvement over a previous "externally-closed-magnetic-circuit" construction (VZP). Design features and some characteristics of both are compared. These conclusions are offered: (1) The new design has a smaller weight and axial length than other types of brushless synchronous generators; (2) The new rotor has high mechanical strength;

Card 1/2 UDC: 621.313.322

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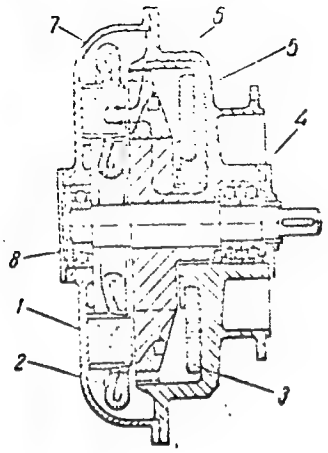
"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ACC NR: AP6031522



its poles are not subjected to bending forces (as is the case in claw-type construction); (3) The new construction is stiff and has good heat removal and ventilation conditions. "Cand. Techn. Sc. G. N. Fridman, Engineers Ye. V. Kel'tseva, E. I. Sagalov, V. P. Pyatkov, N. I. Shcherbakov, S. K. Eytminovich, and others took part in developing the design and manufacturing practices of the new generator." Orig. art. has: 6 figures and 1 table.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 004

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 5372-66 EWT(1)/EPA(s)-2

ACC NR: AP5024578 SOURCE DATE: UR/0292/65/000/009/0020/0023

43
83

AUTHOR: Palastin, L. M. (Candidate of technical sciences)

44,55

CRO: none

TITLE: Magnetic asymmetry in contactless synchronous machines

SOURCE: Elektrotekhnika, no. 9, 1965, 20-23

TOPIC TAGS: selsyn, synchro, synchronous machine

ABSTRACT: A method is suggested for calculating the magnetic asymmetry in contactless synchronous machines having an externally-closed magnetic flux (allegedly invented by A. G. Iosif'yan and D. V. Svecharnik, see their book "Selsyns", Gosenergoizdat, 1941). The magnetic-flux asymmetry is calculated, from a simplified equivalent circuit diagram, for these cases: (a) the frame-stator reluctance is zero; (b) the frame-stator reluctance is infinite; (c) allowance is made for the asymmetry of the airgaps. Formulas are also given for determining the parameters which permit limiting the flux asymmetry to a desirable level. Recommendations are offered for designing an additional ring airgap which would ensure a minimum weight for the optimal magnetic loading. Orig. art. has: 5 figures, 43 formulas, and

UDC: 621.313.323.392.042.1

0901 1156

Card 1/2

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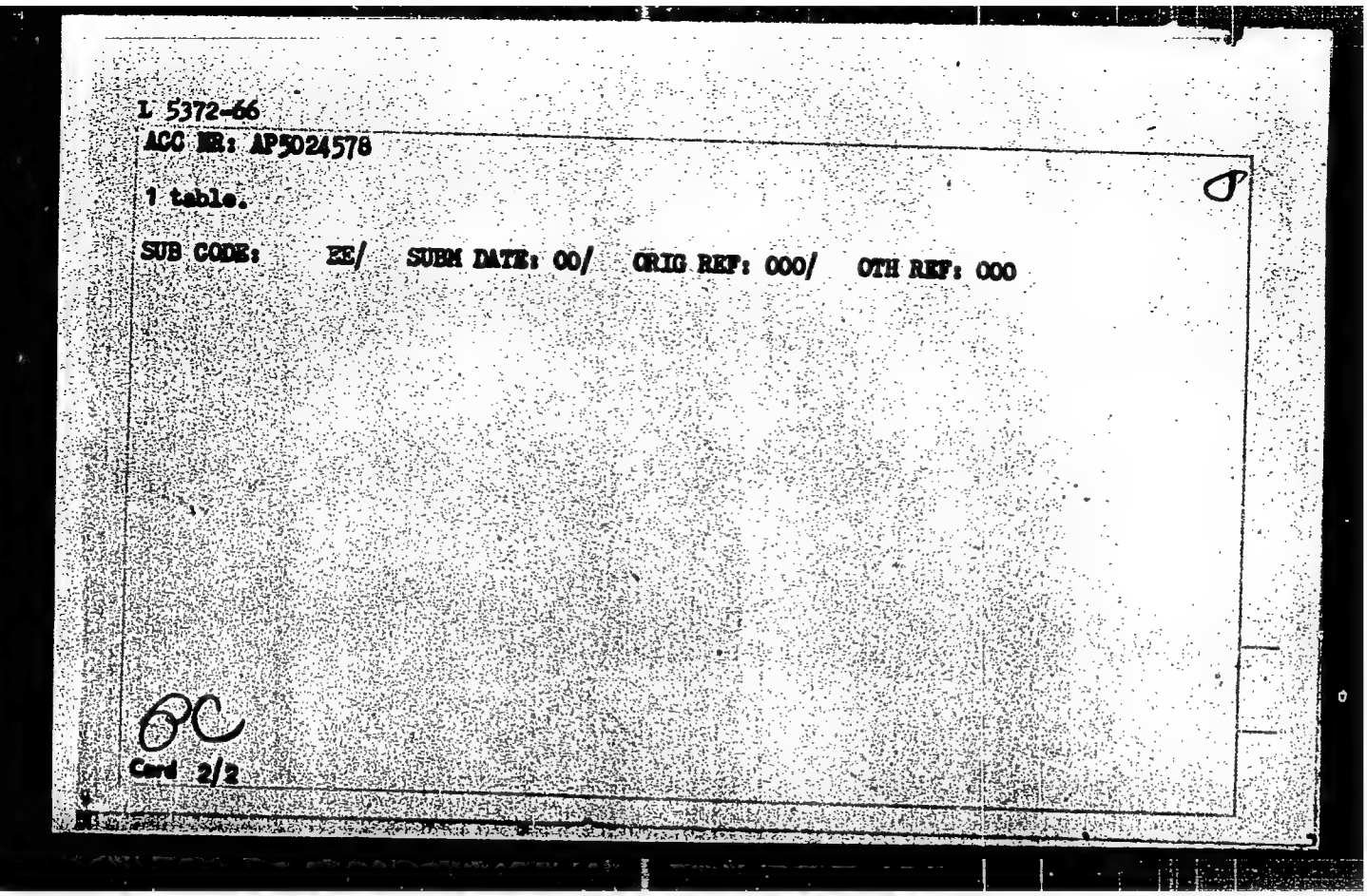

L 5372-66
ACC NR: AP5024578
1 table.
SUB CODE: EE/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000
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Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 9694-66

ACC NR: AP5026505 SOURCE CODE: UR/0286/65/000/019/0035/0035

AUTHOR: Palastin, L. M.

ORG: none

TITLE: Contactless synchronous electric end-type machine. Class 21, No. 175115

SOURCE: Byulleten' isobreteniy i tovarnykh znakov, no. 19, 1965, 35

TOPIC TAGS: electric rotating equipment part, magnet

ABSTRACT: This Author Certificate presents a contactless synchronous electric end-type machine according to Author Certificate No. 144892. For self-excitation and to decrease the excitation coil power, an annular axially magnetized permanent magnet is used. The magnet is mounted coaxially to the disk supporting the annular excitation coil and covers this coil concentrically.

SUB CODE: 13, 09/ SUBM DATE: 27Jul63

Card 1/1 UDC: 621.313.322:621.318 2.004

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SOV/110-58-12-4/22

AUTHORS: Palastin, L.M., Candidate of technical sciences and Chesnokov, A.I., Engineer

TITLE: A Regulated Permanent-Magnet Synchronous Generator (Reguliruyemyy sinkhronnyy generator s postoyannym magnitom)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, Nr 12, pp 15-18 (USSR)

ABSTRACT: It is very useful to be able to control the output voltage of industrial high-frequency generators. Synchronous alternators with permanent-magnet field systems are convenient h f generators in other respects but up till now methods of controlling their output voltage have not been very satisfactory. A possible solution to this problem is offered by the generator illustrated in Fig 1, in which the field system includes both permanent magnets and electro-magnetic coils. Under normal operating conditions the two field systems are additive and the field winding which is supplied with direct current through sliprings compensates for the influence of the load current on the generator voltage. Design features of the magnetic system are discussed.

Card 1/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

A Regulated Permanent-Magnet Synchronous Generator

Such a generator, correctly designed, has a number of advantages over both normal permanent-magnet and wound-field alternators. The advantages are confirmed by test data of a number of different high-frequency generators of different constructions but the same ratings. It was found best to connect the field winding to reinforce the field of the permanent magnets. Experimental characteristics of generators are then given and briefly discussed. Thus, regulation characteristics are plotted in Fig 2, the relationship between generator efficiency and excitation power in Fig 3 and the relationship between useful output of the generator and excitation power in Fig 4. The influence of short-circuit current surges on the output voltage is briefly discussed. The design characteristics of the generators that were compared are tabulated. It is concluded that the generator with both permanent magnet and field winding is the best. It never fails to excite and it permits of accurate and economic control over the output voltage over any required range. The machine is smaller and lighter than the other types of

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

A Regulated Permanent-Magnet Synchronous Generator

generator and its field winding uses relatively little copper. There are 4 figures, 1 table and 3 references of which 2 are English and 1 Italian.

SUBMITTED: 10th July 1958

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 47319-65 EPA(s)-2/EWA(h)/EWT(1)/EWG(m) Pz-6/Peb TT/AT

ACCESSION NR: AP5010878 UR/0286/65/000/007/0061/0062

20
B

AUTHOR: Palastin, L. M.

TITLE: A non-contact synchronous generator. Class 21, No. 169655

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 7, 1965, 61-62

TOPIC TAGS: generator

ABSTRACT: This Author Certificate presents a non-contact synchronous generator of the alternate pole type with two end stators, designed to decrease the generator weight, to reduce its size, and to lower the excitation power (see Fig. 1 on the Enclosure). Between the stators there are two rotating end induction coils with pole systems formed from an outer star wheel with internal teeth-poles, and an inner star wheel with external teeth-poles. A fixed excitation system located between the induction coils creates an axial magnetic flux. This system contains the following concentrically located parts: central core, a centered winding, and an outer annular magnetic circuit bound with the core in a single stationary unit by means of a nonmagnetic ring. The core of the generator has the form of a bushing on which the shaft bearings are mounted. The induction coils are fastened to the shaft as brackets. Two outer lateral

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L 47319-65

ACCESSION NR: AP5010878

shields of nonmagnetic material with stator pockets are arranged in the annular magnetic circuit. Radial canals are established in the backs of the end stators. Annular canals for the circulation of a cooling agent are located in the central core (bushing) and in the outer annular magnetic circuit. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 17Oct62 ENCL: 01 SUB CODE: EE

NO REF SOV: 000 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 47325-65 EWT(1)/EPA(s)-2/EWG(m)/EWA(h) Pz-6/Peb TT/AT

ACCESSION NR: AP5010879 UR/0286/65/000/007/0062/0062

20
B

AUTHORS: Palastin, L. M.; Serebryanik, L. B.

TITLE: A synchronous generator. Class 21, No. 169656

25

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 7, 1965, 62

TOPIC TAGS: generator

ABSTRACT: This Author Certificate presents a synchronous generator with an end stator (see Fig. 1 on the Enclosure). To decrease the generator size and its excitation power, the rotor is made in the form of two star wheels. The outer star wheel is provided with internal teeth (poles) of one polarity, between which are located the external teeth (poles) of the inner star wheel of the opposite polarity. The space between the poles is filled with a nonmagnetic material, for example, an aluminum alloy. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 01Sep62 ENCL: 01 SUB CODE: EE

NO REF SOV: 000 OTHER: 000

Card 1/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 47325-65

ACCESSION NR: AP5010879

ENCLOSURE: 01

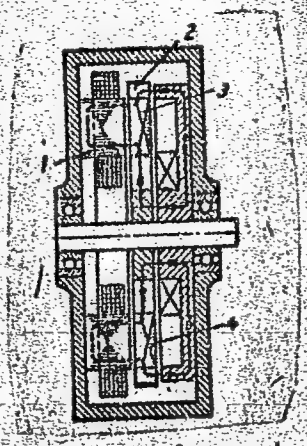

Fig. 1. 1- stator; 2- outer star wheel; 3- inner star wheel; 4- filling of nonmagnetic material

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTIN, L.M., kand.tekhn.nauk; CHESNOKOV, A.I., inzh.

Adjustable synchronous generator equipped with a permanent magnet. Vest.elektroprom. 29 no.12:15-18 D '58.(MIRA 11:12)
(Electric generators)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SOV/110-58-9-10/20

AUTHOR: Palastin, L.M. (Candidate of Technical Science)

TITLE: The Calculation of Steady State Loading Conditions of Single-phase Synchronous Generators (Raschet ustanovivshikhsya rezhimov nagruzki odnofaznykh sinkhronnykh generatorov)

PERIODICAL: Vestnik Elektropromyshlennosti,1958,Nr 9,pp 41-47,(USSR)

ABSTRACT: The way in which the wave shapes of the output voltage and current of a single-phase alternator differ from sine waves is often important. Therefore, the determination under steady-state load conditions of the harmonic components of voltage and current is required. To do this, it is best to make use of the theory of synchronous machines developed by Prof. D.A. Gorodskiy (Vestnik Elektropromyshlennosti,1942, Nr 6). Gorodskiy introduced the concepts of main and auxiliary currents as a means of investigating the operating conditions of synchronous machines with any degree of asymmetry. The equations of steady-state loading of a single-phase synchronous generator are then derived. In order to make these calculations it is necessary to know the nominal data and parameters of the machines on the longitudinal and transverse axis. It is

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The Calculation of Steady State Loading Conditions of Single-Phase Synchronous Generators

convenient to replace the single-phase generator by the equivalent three-phase generator, as shown in Fig 1, operating under conditions of steady two-phase short-circuits on an external resistive load. The necessary equations for analysis of the single phase and equivalent three-phase generators are given. The currents at points A in Fig 1 are next calculated. Then by equating to zero the currents at point A for each separate frequency, a system of equations can be derived for the steady-state loading conditions of the single-phase generator. This system always contains one too many unknowns. The inductive load is then calculated on the assumption that the resistances of the generator and load may be neglected. This gives a system of equations all but one of which are linear and have constant coefficients. The method of solution is described. When the load is not purely inductive it is impossible to neglect the rotor resistance. However,

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SOV/110-58-9-10/20

The Calculation of Steady State Loading Conditions of Single-Phase Synchronous Generators

it is permissible to limit the number of harmonics considered and so to simplify the equations. An appendix gives a numerical calculation of a 1-kW single-phase synchronous generator loaded with both inductance and resistance.

There are 1 table, 4 figures and 5 Soviet references.

SUBMITTED: November 26, 1957

1. Generators--Theory 2. Mathematics--Applications

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTIN, L.M., kand.tekhn.nauk; PUTSYKIN, G.G., kand.tekhn.nauk; [illegible]V, A.I., inzh.; PANFILOV, Yu.S., inzh.

Regulated d.c. machines with excitation by permanent magnets. Vest. elektroprom. 31 no.12:42-48 D '60. (MIRA 14:2)
(Electric machinery—Direct current)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTIN, L.M., kand. tekhn. nauk

Semigraphical method for determining the characteristics of idle operation of d.c. regulated machines with permanent magnets. Elektrichestvo no.11:66-72 N '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektromekhaniki.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTIN, L.M., kand.tekhn.nauk; KOROLIKHIN, V.I., inzh.; BOLDYSHEV, A.V., inzh.; PETRAKOV, M.D., inzh.; FEDOROV, V.S., inzh.

Salient pole synchronous generators with mixed excitation. Vest. elektroprom. 33 no.8:17-23 Ag '62. (MIRA 15:7)
(Electric generators)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTIN, L.M., kand.tekhn.nauk

Calculating steady load conditions for single-phase synchronous generators. Vest. elektroprom. 29 no.9:41-47 S '58. (MIRA 11:10)
(Electric generators)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTIN, L. I., (Engr)

Dissertation: "Investigation of Low-Power, Single-Phase, Two-Pole Synchronous Generators in an Output Voltage Stabilization Circuit." Cand Tech Sci, Sci Res Inst, Ministry of the Electrical Engineering Industry USSR, 13 May 54. Vechernyaya Moskva, Moscow, 4 May 54.

SO: SUM 284, 26 Nov 1954

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTIN, L.M., kand.tekhn.nauk; LAPSHINOV, A.M., inzh.

Regulated d.c. machinery with permanent magnets and nonsymmetric poles. Elektrichestvo no.2:48-51 F '62. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektromekhaniki.
(Electric machinery—Direct current)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTIN, L.M., kandidat tekhnicheskikh nauk.

Experimental calculation of full supertransient reactances of single-phase synchronous machines. Vest.elektroprom. 27 no.3: 39-42 Mr '56. (MLRA 9:12)

1. Nauchno-issledovatel'skiy institut Ministerstva elektropromyshlennosti.
(Electric generators)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALASTIN, L.M., kand.tekhn.nauk

Calculation of the characteristics of stable operation of regulated d.c. machines with excitation by permanent magnets. Vest. elektroprom. 32 no.4:41-44 Ap '61. (MIRA 15:5)
(Electric machinery--Direct current)

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